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cc

Subje Yang model results
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Hey guys,

Clem Fed-Exed me these documents in hard copy. They have some of his and some of my scribbles on them. The originals are in color, but I don't have a way in our office to scan in color, that's why I labeled the lines by hand.

Clem and I were thinking that one of these iterations would make good figures on the poster. The idea would be to add the results of our model at 3 months and 6 months as single points along this time continuum and see where they fall relative to the line.

The Yang model is designed to spit out milk concentrations in micrograms per liter. The draw-back is that it's harder to compare results to a lot of the literature that normalizes per weight lipid. A benefit of using micrograms per liter is that you can put milk and blood and fat on the same graph with same Y axis as he's done here. I guess for this first poster, I'm thinking that we should adjust our milk concentration to micrograms per liter, because it's easier for us to adjust than for Clem to do with the Yang model.

When we talk on Tuesday, we should talk about these results and Sami's. I feel like a have a better understanding of how half-life is related (or not related) to the partition coefficients used in the Yang model.

It would be good if we can all have these graphs, the Redding Paper, the Verner paper, and Sami's results in front of us when we have our call.

Also, the deadline for abstract submission to the fish confernce is September 15th, and Clem things he would need two weeks to get that abstract through the clearance process at ATSDR. That means that one of us needs to draft an abstract for that meeting on the double. I will be out tomorrow and Monday, and Tuesday is September 1. I have some other things to work on this afternoon, but if I finish in time, I'll try to make a start on an abstract and send it (however rough) around to the rest of you to comment on by Tuesday's call.

Dave Yang mother loading.pdf Yang lactation.pdf